ALGEBRA STANDARDS
K-2

Indicator 1: Use procedures to transform algebraic expressions.

Note: Kindergarten through grade 2 students do not master standards for Indicator 1. Mastery of this indicator emerges and increases from grade 3 upward.

Indicator 2: Use a variety of algebraic concepts and methods to solve equations and inequalities.

Kindergarten	First Grade	Second Grade
K.A.2.1. (Comprehension) Compare collections of objects to determine more, less, and equal (greater than and less than).	1.A.2.1. (Comprehension) Use the concepts and language of more, less, and equal (greater than and less than) to compare numbers and sets (0 to 20).	2.A.2.1. (Comprehension) Use concepts of equal to, greater than, and less than to compare numbers (0-100).
	1.A.2.2. (Application) Solve open addition and subtraction sentences with one unknown (☐) using numbers equal to or less than 10.	2.A.2.2. (Application) Solve open addition and subtraction sentences with one unknown (☐) using numbers equal to or less than 20.
		2.A.2.3. (Application) Balance simple addition and subtraction equations using sums up to 20.

Indicator 3: Interpret and develop mathematical models.

Kindergarten	First Grade	Second Grade
K.A.3.1. (Knowledge) Use concrete objects to model the meaning of the "+" and "-" symbols.	1.A.3.1. (Application) Students are able to write number sentences from problem situations using + or – and = with numbers to 10.	2.A.3.1. (Application) Write and solve number sentences from word problems.

Indicator 4: Describe and apply the properties and behaviors of relations, functions and inverses.

Kindergarten	First Grade	Second Grade
K.A.4.1. (Knowledge) Identify and extend two-part repeating patterns using concrete objects.	1.A.4.1. (Comprehension) Identify and extend repeating patterns containing multiple elements using objects and pictures.	2.A.4.1. (Comprehension) Find and extend growing patterns using symbols, objects, and numbers.
K.A.4.2. (Comprehension) Sort and classify objects according to one attribute.	1.A.4.2. (Comprehension) Determine common attributes in a given group and identify those objects that do not belong.	2.A.4.2. (Comprehension) Determine likenesses and differences between sets.